

# Water-cooled secondary connection cables for resistance welding —

## Part 1: Dimensions and requirements for double-conductor connection cables

The European Standard EN ISO 8205-1:1996 has the status of a  
British Standard

ICS 25.160.30

NO COPYING WITHOUT BSI PERMISSION EXCEPT AS PERMITTED BY COPYRIGHT LAW



Document Sharing Hub

# Committees responsible for this British Standard

The preparation of this British Standard was entrusted to Technical Committee WEE/26, Resistance welding equipment, upon which the following bodies were represented:

- British Iron and Steel Producers' Association
- Copper Development Association
- Health and Safety Executive
- IIW-UK Briefing Group III
- Society of Motor Manufacturers and Traders Limited
- Welding Institute
- Welding Manufacturers' Association (BEAMA Ltd.)

This British Standard, having been prepared under the direction of the Engineering Sector Board, was published under the authority of the Standards Board and comes into effect on 15 March 1997

© BSI 03-1999

The following BSI references relate to the work on this standard:  
Committee reference WEE/26  
Draft announced in *BSI Update* March 1996

ISBN 0 580 26653 2

## Amendments issued since publication

| Amd. No. | Date | Comments |
|----------|------|----------|
|          |      |          |
|          |      |          |
|          |      |          |
|          |      |          |
|          |      |          |

# Contents

|                        | Page               |
|------------------------|--------------------|
| Committees responsible | Inside front cover |
| National foreword      | ii                 |
| Foreword               | 2                  |
| Foreword               | ii                 |
| Text of EN ISO 8205-1  | 1                  |
| List of references     | Inside back cover  |

# National foreword

This British Standard has been prepared by Technical Committee WEE/26 and is the English language version of EN ISO 8205-1:1996 *Water-cooled secondary connection cables for resistance welding — Part 1: Dimensions and requirements for double-conductor connection cables* published by the European Committee for Standardization (CEN).

EN ISO 8205-1:1996 is identical with ISO 8205-1:1993 published by the International Organization for Standardization (ISO). EN ISO 8205-1 was produced as a result of international discussion in which the UK took an active part.

It is assumed that the execution of the provisions of the document is entrusted to suitably qualified and experienced persons.

### Cross-references

| Publication referred to | Corresponding British Standard                                                                                                                                             |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| EN ISO 8205-2:1996      | BS EN ISO 8205-2:1997 <i>Water-cooled secondary connection cables for resistance welding — Part 2: Dimensions and requirements for single-conductor connection cables.</i> |
| EN ISO 8205-3:1996      | BS EN ISO 8205-3:1997 <i>Water-cooled secondary connection cables for resistance welding — Part 3: Test requirements.</i>                                                  |

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

**Compliance with a British Standard does not of itself confer immunity from legal obligations.**

### Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, the EN ISO title page, page 2, the ISO title page, pages ii to iv, pages 1 to 6, an inside back cover and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

English version

## Water-cooled secondary connection cables for resistance welding — Part 1: Dimensions and requirements for double-conductor connection cables (ISO 8205-1:1993)

Câbles secondaires refroidis par eau, pour le soudage par résistance — Partie 1: Dimensions et prescriptions pour câbles à deux conducteurs (ISO 8205-1:1993)

Wassergekühlte Sekundäranschlußkabel für das Widerstandsschweißen — Teil 1: Abmessungen und Anforderungen für Zweileiter-Anschlußkabel (ISO 8205-1:1993)

This European Standard was approved by CEN on 1996-10-10. CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

The European Standards exist in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

# CEN

European Committee for Standardization  
Comité Européen de Normalisation  
Europäisches Komitee für Normung

**Central Secretariat: rue de Stassart, 36 B-1050 Brussels**

## Foreword

The text of the International Standard from Technical Committee ISO/TC 44 “Welding and allied processes” of the International Organization for Standardization (ISO) has been taken over as an European Standard by Technical Committee CEN/TC 121 “Welding”, the secretariat of which is held by DS.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by May 1997, and conflicting national standards shall be withdrawn at the latest by May 1997.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

## Endorsement notice

The text of the International Standard ISO 8205-1:1993 has been approved by CEN as a European Standard without any modification.

NOTE Normative references to International Standards are listed in Annex ZA (normative).